

# Converting Colors

Hex(657F49)

Have a look what the booklet for  
Hex(657F49) contains.

<b>Hex(657F49)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(657F49)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	657F49
RGB	101, 127, 73
RGB Percent	40%, 50%, 29%
CMY	0.6039, 0.5020, 0.7137
CMYK	0.20, 0.00, 0.43, 0.50
HSL	89°, 27%, 39%
HSV	89°, 43%, 50%
XYZ	14.1588, 18.4265, 9.1137
YIQ	113.0700, 1.8380, -22.3060

# Conversions

## Conversions Part 2

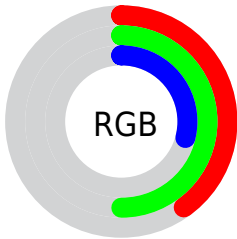
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 127, 99
Decimal	6651721
CIE <sub>Lab</sub>	50.01, -19.47, 26.32
CIE <sub>LCh</sub>	50, 32.741, 126.489
Yxy	18.4265, 0.3395, 0.4419
Android (android.graphics.Color)	4284841801 (0xFF657F49)
YUV	113.0700, -19.7545, -10.5854
Hunter-Lab	42.9261, -16.2440, 17.4602

# Details

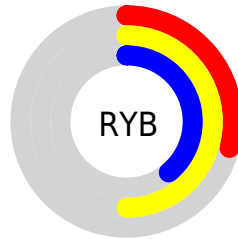
The Hex color **657F49** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **63497F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **99B47A**, and **344E1B** is the 20% darker color. If you saturate the color by 10%, you get **5F7F3C**, and if you desaturate by 10%, it is **6B7F56**.

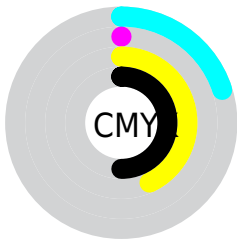
# Distribution



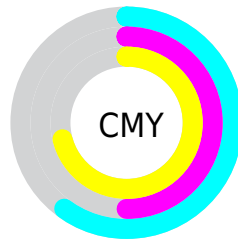
- Red (40%)
- Green (50%)
- Blue (29%)



- Red (29%)
- Yellow (50%)
- Blue (39%)



- Cyan (20%)
- Magenta (0%)
- Yellow (43%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 657F49 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 657F49 by changing the saturation by 10% instead.





657F49



657F49

FFFFFF



4C6632



99B47A



344E1B



B4CF95



1E3703



D0ECAF



052100



ECFFCB



000000



FFFFE7



657F49



657F49



5F7F3C



6B7F56



597F30



717F62

 537F23

 777F6F

 4D7F16

 7D7F7C

 467F0A

 847F89

 427F00

 8A7F95

 907FA2

 967FAF

 9C7FBB

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83773F



657F49



418460

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



657F49



1580A9



AC6172

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



657F49



63497F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9F648E



657F49



5678AE

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



657F49



008497



826DA4



AA6557

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



657F49



218573



826DA4



A9617B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



657F49



9BA690



7F6249



4E5447



D4D4D4



545454



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



657F49



7DA651



4B7F49



3D4039



428000



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63497F



7A51A6



7D497F



3C3940



3D0080

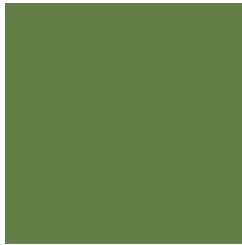


000000



# Previews

## White Background



This preview shows how the Hex color 657F49 looks on a white background.

## Color Contrast Check

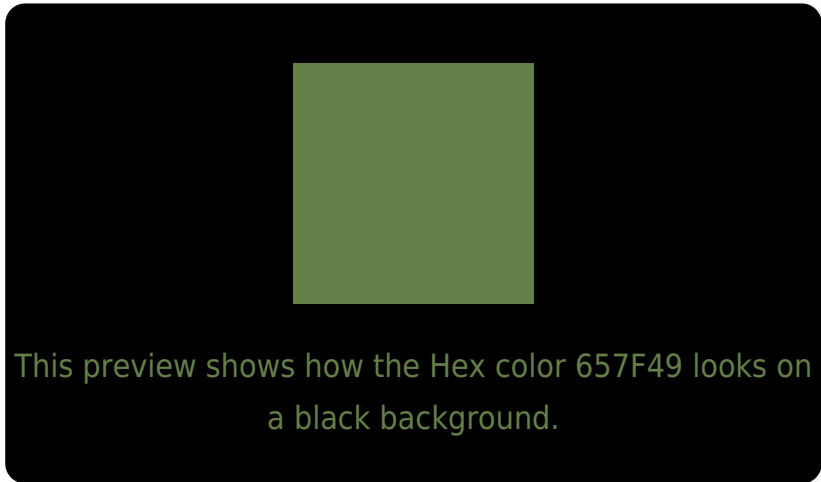
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

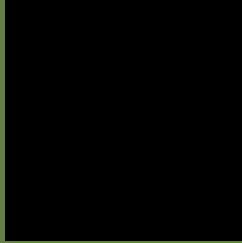
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 657F49 Background



This preview shows how black text looks on a background with the Hex color 657F49.



This preview shows how white text looks on a background with the Hex color 657F49.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
657F49

**Protanopia**  
827746

**Deuteranopia**  
8F714C



**Tritanopia**  
6D7882

# Trichromacy



**Original Color**  
657F49

**Protanomaly**  
777A47

**Deuteranomaly**  
80764B

**Tritanomaly**  
6A7B6D

# Monochromacy



**Original Color**  
657F49

**Achromatopsia**  
717171

**Achromatomaly**  
6D7662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 657F49 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #657F49 looks like.

```
.text, #text, p{  
    color:#657F49  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #657F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #657F49
}
```

## Border

The CSS property to change the border of an element to Hex 657F49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#657F49 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#657F49 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #657F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #657F49; -webkit-box-shadow:4px 4px  
4px 4px #657F49; box-shadow:4px 4px 4px  
4px #657F49 }
```

# Background

The CSS property to change the background color of an element to Hex 657F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#657F49 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#657F49 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor